

## Abstract

## Method and device for transmitting data

The invention makes it possible to transmit data on the basis of hardware addresses from a source network device (R1) to a destination network device (A2). The source network device (R1) assigns the data to be transmitted a fictitious hardware address (FIMAC2) which is used to identify a transmission destination without matching the latter's real hardware address (MAC2) prescribed by the manufacturer. The fictitious hardware address (FIMAC2) is transferred to an inventive address conversion device (A1) in which the fictitious hardware address (FIMAC2) has been assigned an address information item (ATM2) identifying the destination network device (A2). The address information item (ATM2) associated with the fictitious hardware address (FIMAC2) is then assigned to the data, which are forwarded to the destination network device (A2) using this address information item (ATM2).

FIGURE 1

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